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Attorney Docket: CORDL-02.PCT/US

BEFORE THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

(1) Riccardo Brun del Re

(2) Izmail Batkin

(3) Wayne Young

Filed:

August 25, 2000

Serial No:

10/049,675

Int'l. Appln. No.:

PCT/CA00/00981

Inventors:

(1) Riccardo Brun del Re

(2) Izmail Batkin

(3) Wayne Young

Title:

ELECTRIC FIELD SENSOR

Confirm. No.

7724

Our File:

CORDL-02.PCT/US

February 9, 2004

By fax 703-872-9306 only

The Commissioner of Patents and Trademarks,

P.O. Box 1450

Alexandria , VA

22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

The applicant encloses one article and three patents as listed in the IDS form.

- 1) Review of Science & Instruments (Clippingdale et al) Vol. 65(1) January 1994, pp 269-70
- 2) US 3,880,146 Everett et al
- 3) US 3,882,846 Fletcher et al

4) US 4,602,639 Hoogendoorn

please charge the required fee of \$180.00 for acceptance of this IDS to deposit account 51669.

<u>Discussion</u>

The 1994 Clippingdale article refers to the detection of electrostatic fields at a distance. It does not refer to forming a voltage divider network that includes a return electrode for coupling to a body and thereby forming a closed circuit that incorporates the voltage divider. Further no reference is made to the presence of an RC filter with a low-frequency cut-off of at least 0.05 hertz" as provided in claim 1.

US 3,880,146 describe a dual electrode differential pickup, but does not rely on a capacitive pickups operating in a "standoff" configuration.

US 3,882,846 describes a capacitive pickup electrode, but does not refer to the presence of the RC filter limitation, nor does it refer to operating with low capacitive coupling, in the "stand-off" regime. Capacitance values listed in Table 1 are outside this regime.

US 4,602,639 describes a contact less pick-up for sensing charge concentrations. This reference does not contemplate use of a voltage divider network with a return electrode for coupling to a body to create a closed circuit. No reference is made to an RC filter element.

Respectfully, Riccardo Brun del Re et al Per

David I Fre

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PTC/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete it Known			
Application Number	10/049,675		
Filing Date	25 August 2000		
First Named Inventor	Riccardo Brun Del Re		
Art Unit	3736		
Examiner Name			
Attorney Docket Number	CORDL-02.PCT/US		

			U. S. PATENT	DOCUMENTS	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (Farance)	Publication Date MM-DD-YYYY	Name of Patentée or Applicant of Cited Document	Relevant Passages of Relevant Figures Appear
		US- 3,880,146	04/29/1975	Everett et al.	
		US- 3, 882,846	05/13/1975	Fletcher et al	
	 	US- 4,602,639	07/29/1986	Hoogendoorn et al	
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		FOREI	SN PATENT DOCU	MENTS Name of Patentee or	Pages, Columns, Lines,	Т
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Examiner Considered

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Translation is attached.

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NFORMATION DISCLOSURE	Filing Date	25 August 2000	
STATEMENT BY APPLICANT	First Named Inventor	Riccardo Brun Del Re	
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neet 2 of 2	Attorney Docket Number	CORDL-02.PCT/US	

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS	
nitials*	No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		CHIPPINGDALE et al, Review of Science & Instruments Volume 65(1) January 1994, pages 269-70	

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Examiner	——————————————————————————————————————		
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English tanguage Translation is attached.

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